

**CANARIAS
GE
INNOVATION
PROGRAM
2030**



Consejería de Economía,
Conocimiento y Empleo
Agencia Canaria de Investigación,
Innovación y Sociedad
de la Información

PTFSA

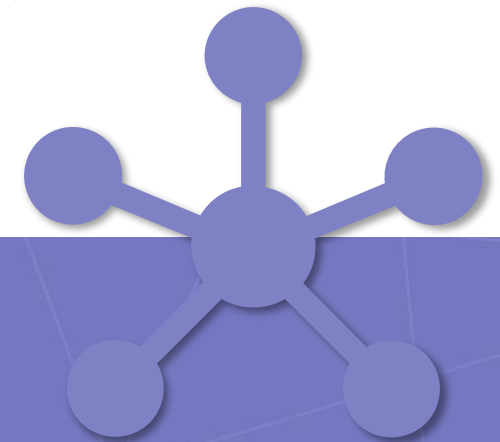
Parque Tecnológico de Fuerteventura *Technological Park of Fuerteventura*

ECHO2

Dissemination WS Panel discussion WP2

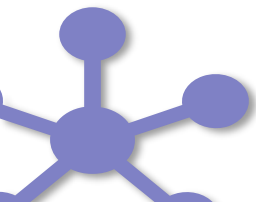
7-8 November, 2024

Alvaro López.- Head of Technical Office



**Innovation for
smart territories**

Parque Tecnológico de Fuerteventura, SA, MP



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Parque Tecnológico de Fuerteventura, SA, MP

Public company under regional government of Canary Islands

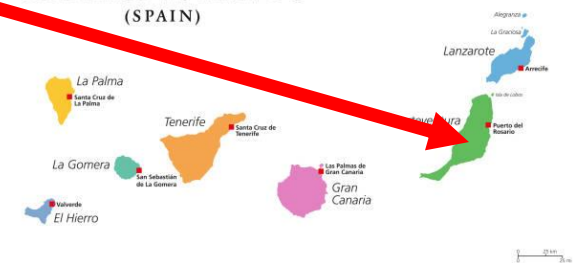


Placed in the Island of Fuerteventura



Mission: to foster the process of social and economical diversification of the archipelago through the development of new technologies

CANARY ISLANDS (SPAIN)

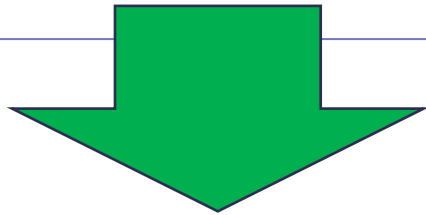


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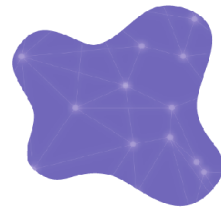


Parque Tecnológico de Fuerteventura, SA, MP

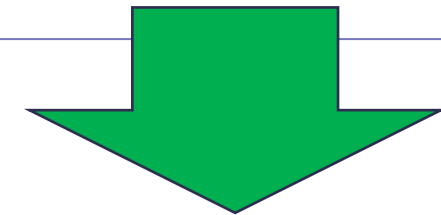
After a Market Consultation process, HAPS technology was selected as the main challenge to achieve the required diversification



**Canarias Stratoport
for HAPS&UAS**



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**Center for mission
data processing
ISSEC**



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Canarias Stratoport for HAPS&UAS

Public, civil, shared-use infrastructure for R&D, integration, operation, flight testing and maintenance of UAS and HAPS



- Current Investment: **10.3 M€**
- **Shared-use public Infraestructure**
- Area: **1.200.000 m²**
- Diameter: **1.000 m**
- Runway: **900 m**
- Hangars areas: **HAPS and UAS**
- Distance to Ocean: **4 km**
- **Radar, Weather Forecast Station, 5G, etc.**

ISSEC center (International Smart Centre for Security, Emergencies, Biodiversity, and other Public Service Missions)

Center for the UAS&HAPS missions data reception and advanced processing

- Current Investment: **10 M€**
- Building Size: **2.700 m²**
- Capacity: **> 150** 
 - 1 Main Control Center with Videowall (10x3m)
 - 10 Mission Operation Rooms
 - 6 Missions Control Rooms
 - 3 Simulation Rooms
 - 2 Training Rooms
 - 2 Meeting Rooms
 - 8 Multipurpose Rooms
 - Resting Area



Why Fuerteventura?



01 European region. Atlantic Ocean

02 Weak Jet stream over Canary Island

03 Meteo stable and predictable, clear skies, many sun hours per year

04 Low overflight air traffic (route)

05 FUE and ACE airports closed at nights

06 Low population around

07 R+D+i EU funds for Ultraperiferic Regions

08 Canary Islands Economic and Tax Regime (ZEC)

PTFSA current activities

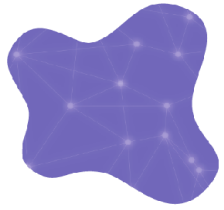
- PTFSA is developing support facilities (hangars) for two HAPS manufacturers planning to settle down in our facilities for testing and operational deployment of their HAPS airships
- PTFSA launched 1Q24 a 22 M€ project for HAPS&UAS missions development for forest firefighting and biodiversity applications
- PTFSA is leading a 14 M€ project for forest monitoring with HAPS&UAS
- PTFSA is leading a 1,8 M€ project for early detection of illegal immigration using HAPS
- Specific meteorology infrastructure is being procured

...and many other initiatives are coming soon!



- **Good operational conditions**
- **Safe and peacefull place**
- **Political stability**
- **No mosquitoes**
- **No hurricanes**
- **No earthquakes**





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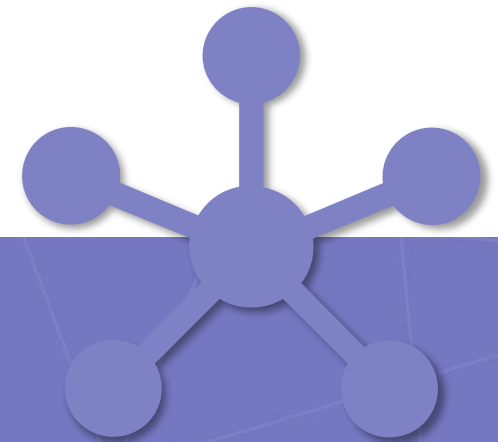


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